



MOBILE DISTRICT, U.S. ARMY CORPS OF ENGINEERS

**USACE Support in Central
and South America
June 2025**



U.S. ARMY



US Army Corps
of Engineers®



USACE Mission Areas

Military Programs

- Military Construction
- COCOM Support ,Overseas Contingency Opns (OCO)
- Installation, Environmental, Energy and Sustainability



Civil Works

- Navigation, Hydropower
- Flood Control, Coast Protect
- Water Supply, Regulatory
- Recreation, Disaster Response
- Environmental Restoration



Homeland Security

- Critical Infrastructure
- Anti-terrorism Plans
- Intelligence
- Facility Security Partnerships
- Emergency Operations



International & Interagency Support

- Federal
- State
- Local
- International
- Foreign Military Sales



USACE Has a Globally Diverse Mission Set Driven by Diverse Customers in Support of the DoD and the Nation

Research & Development

- Warfighter
- Installations & Energy
- Environment ,Water Resources



Real Estate

- Acquire, Manage and Dispose
- DoD Recruiting Facilities
- Contingency Operations



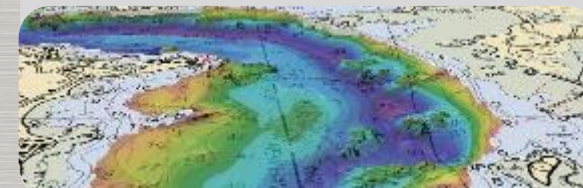
Regulatory

- Regulate Waters of the U.S.
- Section 404 & 10 Programs
- Nationwide Permits



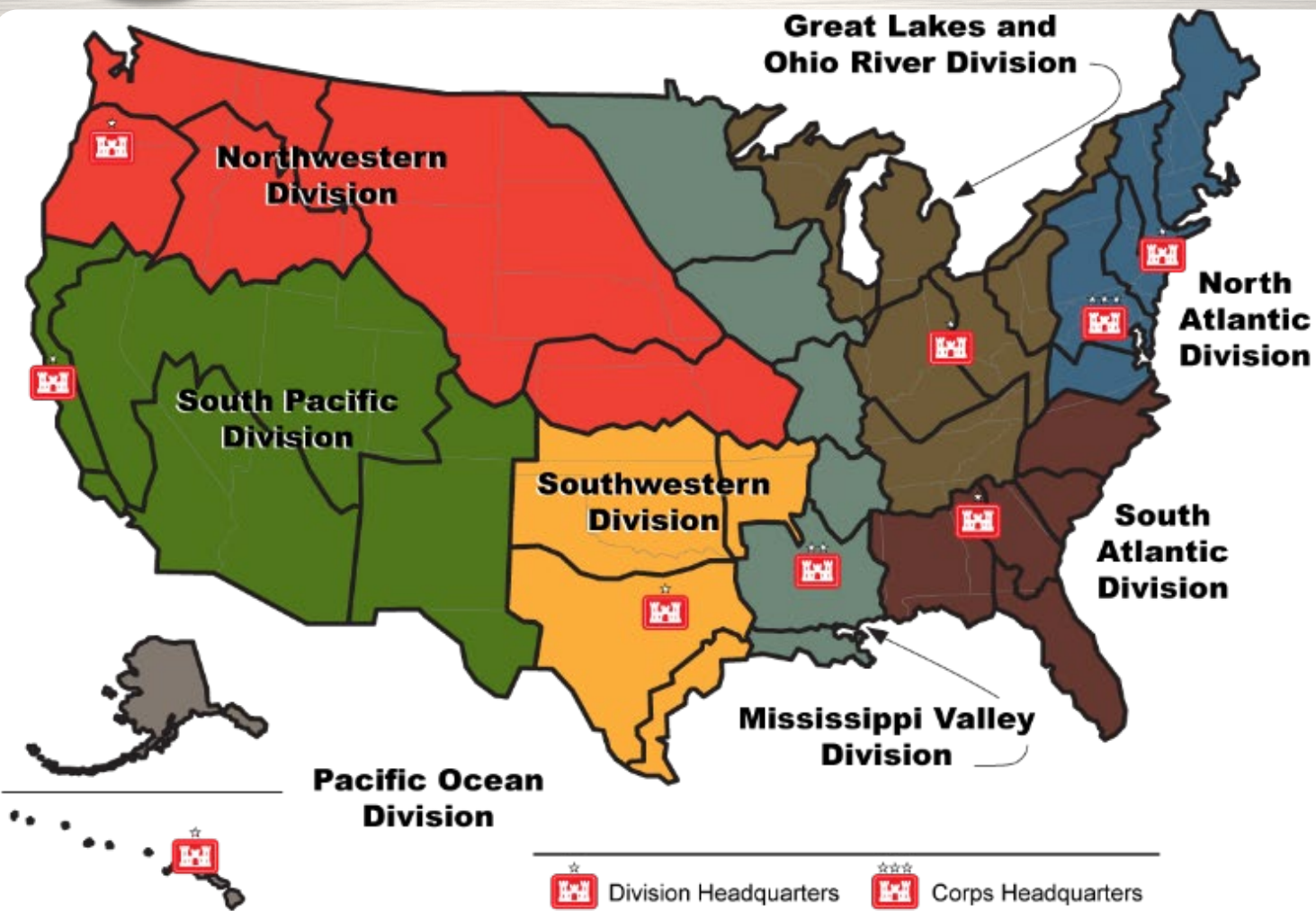
Geospatial Support

- Common Operating Picture
- Support to Civil Works/Military
- Support to Emergency Ops





US Army Corps of Engineers Division Boundaries



**Lieutenant General
William H. Graham Jr.**

Commanding General and Chief of Engineers
Headquarters, U.S. Army Corps of Engineers

HQ, USACE Facts:

U.S. Army Corps of Engineers (USACE) employs approximately 35,000 Civilian Employees and 700 Military personnel with a presence in more than 30 countries and providing reach-back technical and construction expertise to more than 100 countries worldwide.

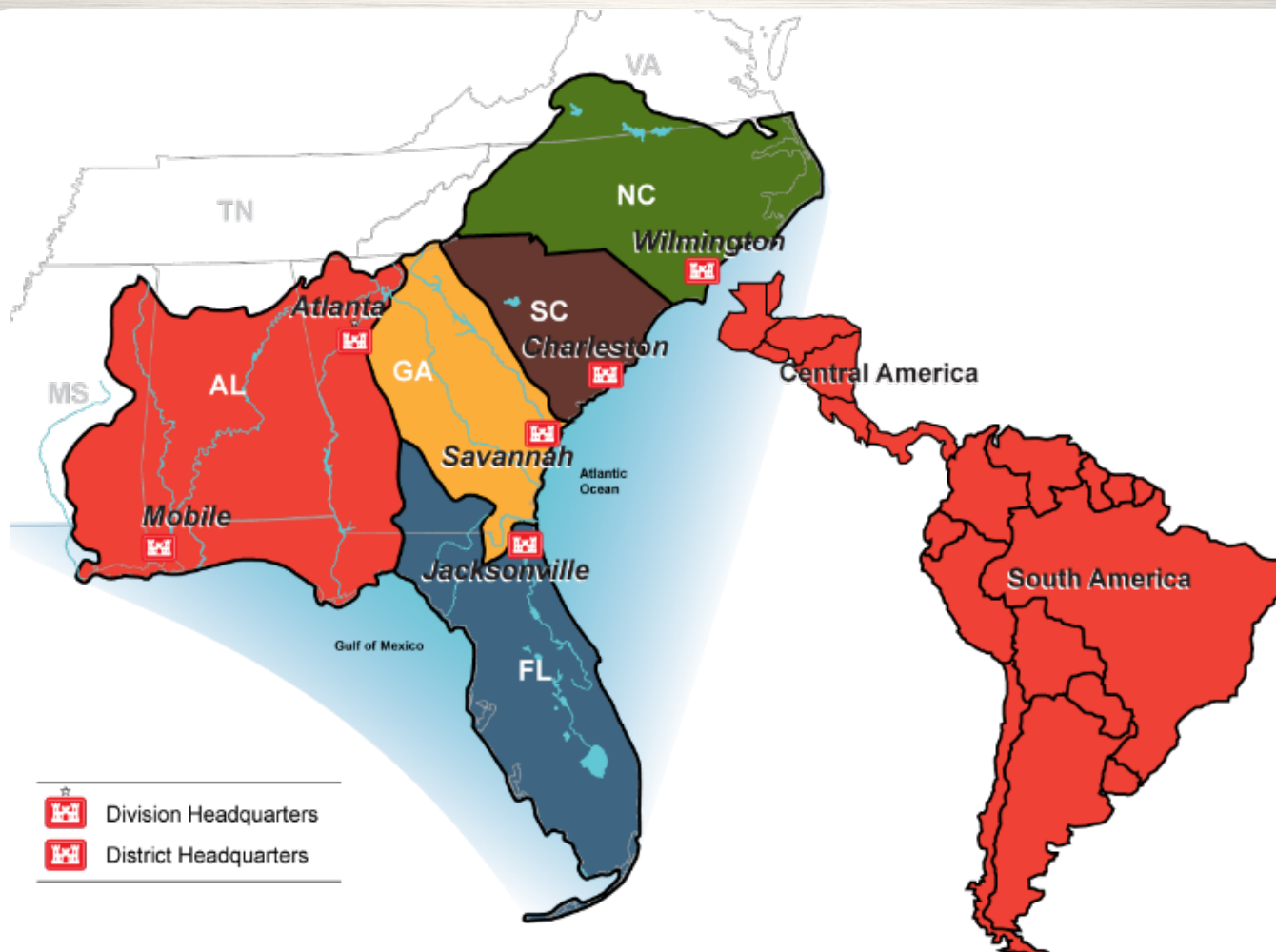
USACE owns and operates 694 dams; maintains 12,000 miles of waterways, 239 locks and 926 Coastal, Great Lakes and inland channels and harbors. About 1.4 trillion of U.S. trade moves through the ports and waterways that we manage.

USACE is the Nation's largest provider of outdoor recreation operating 2,380 recreation areas. Our projects host about 370 million visitors who spend some \$16 billion yearly; supporting an estimated 270,000 jobs.

USACE is the largest owner and operator of hydroelectric power plants in the U.S., providing 3% of the total national electric capacity, producing approximately 83.7 billion kilowatt-hours of electricity in its 75 hydropower plants. The electricity generated nearly \$4 billion in gross revenue.



South Atlantic Division District Boundaries



-  Division Headquarters
-  District Headquarters



BG Daniel H. Hibner

Commander and Division Engineer
South Atlantic Division

Division Facts:

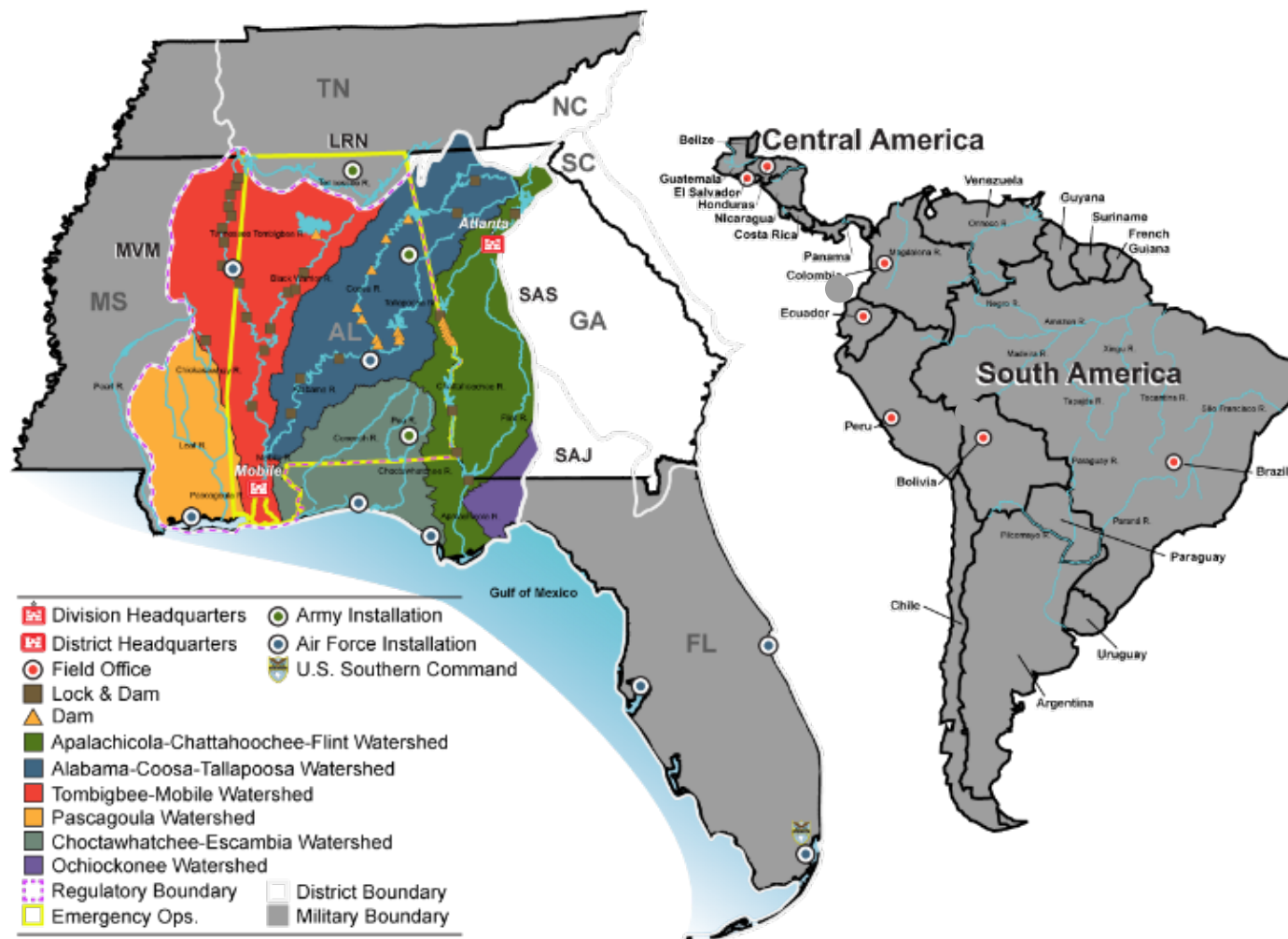
The Corps of Engineers' South Atlantic Division is one of eight regional offices of the Corps overseeing military and water-resources design, construction, and operation in the eight states in the Southeast, the Caribbean, and Central and South America. The division has five districts located in Wilmington, NC; Charleston, SC; Savannah, GA; Jacksonville, FL; and Mobile, AL.

The South Atlantic Division designs and builds major military facilities for the Army and Air Force in the Southeast. Serving 11 major Army posts and 13 Air Force bases, the division builds barracks, hospitals, office buildings, commissaries, and other facilities to meet the needs of the American military. Within the division boundaries, 32 percent of the stateside Army and 18 percent of the Air Force find their home, and four major commands have their headquarters. The Mobile and Savannah Districts handle military programs for the division.

Thirty-three multiple-purpose projects in the Southeast provide citizens with flood control, hydroelectric power, water supply, recreation, navigation, and wildlife enhancement. The South Atlantic Division operates and maintains more than 6,000 miles of federal navigable channel and 29 major harbors in the region. The division also has a growing environmental-restoration workload, including the largest single environmental-restoration project in the world, the Everglades Restoration in South Florida.



Mobile District River Basins & Boundaries



**Colonel
Jeremy Chapman**

Commander and District Engineer
Mobile District

District Facts:

Established in 1815, the Mobile District employs 1,100 civilian personnel and approximately 10 military officers with a presence that covers the states of Alabama, Florida, Georgia, Mississippi as well as all Central and South America. The Mobile District manages a \$1 billion Military, Civil Works, and International/Inter-agency Support program that responds to disasters, manages water resource infrastructure, protects the environment, and provides facilities for our national defense and inter-agency partners.

The Civil Works mission includes the operation and maintenance of six major river systems providing over 2,200 miles of navigation, seven deep-water harbors, 21 shallow draft ports, and flood control with over 67 projects that have prevented in excess of \$200 million in flood damages over the last ten years. The District's eight hydropower facilities generate 2.06 billion kilowatts of electricity and return \$44.8 million of the U.S. Treasury. Mobile also manages one of the largest recreation programs in the Federal government with 27 lakes and 464 recreation areas averaging more than 34.1 million visitors a year.

Mobile District provides project management, construction, and engineer services to support the Department of Defense Military Construction, International support to U.S. Southern Command (SOUTHCOM), and Inter-Agency Support to NASA, FBI and other federal agencies. The District also provides engineering studies and other technical assistance such as master planning, environmental management and real estate support.



USACE Support to SOUTHCOM

- Legend:**
- MILCON/O&M
 - Counter Narcotics
 - Partner Nation Capacity Building
 - Humanitarian assistance
 - SOFA/DIPNOTE

33 x 22

Regional

						COUNTER-NARCOTICS (CN, ERC)				HUMANITARIAN ASSISTANCE (HA)				PARTNER NATION CAPACITY BUILDING							
Country		Activity		DoD Constr Agent	SOFA/ DIPNOTE	Schools	Ops Ctr/ Maint Fac	Base Spt	Airfield/ Marine	Schools	Trng/ Fire Stn/ Spt	Med Fac	EOC/ DRW	Water Resources Technical Assistance			FMS/ FMF Construction	INL/ USAID			
						10 USC 2561	10 USC 284, 10 USC 2805, 10 USC 333				10 USC 2561				10 USC 404	33 USC 2323a			22 USC 2357	22 USC 2769	22 USC 2392
						LOE 1	LOE 2	LOE 2	LOE 2	LOE 1	LOE 1	LOE 1	LOE 1, 2	LOE 1, 2	LOE 1	LOE 1			LOE 1, 2	LOE 1, 2	
Central America	Northern Triangle	Guatemala																			
		Honduras																			
		El Salvador																			
	Southern Triangle	Belize																			
		Nicaragua																			
		Costa Rica																			
		Panama																			
South America	Andean Ridge	Bolivia																			
		Colombia																			
		Ecuador																			
		Peru																			
	Southern Cone	Argentina																			
		Brazil																			
		Chile																			
		Paraguay																			
		Uruguay																			
Caribbean	Caribbean	Dom Rep																			
		Cuba																			
		Guyana																			
		Haiti																			
		Suriname																			
		TTO																			



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Support to SOUTHCOM



Note: Mobile District, USACE, operates in support of the SOUTHCOM Command Engineer. The following information regarding SOUTHCOM programs is intended only to demonstrate USACE involvement in the described programs. For information regarding processes, requirements, and timelines, or to request funding and approval for a project under any of these programs, please contact the SOUTHCOM. USACE cannot request a project on your behalf and cannot act on a request until authorized by SOUTHCOM.



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MILCON, UMMC, ERCIP, O&M

A primary focus for the Mobile District in Latin America is support of US troops in the region through infrastructure construction and repair. The majority of these projects occur at either Soto Cano Air Base or CSL Comalapa, but the District also completes projects for MILGRP facilities located outside the US Embassy (recent examples in Belize and Honduras), limited support facilities for field units, etc.

Unlike projects which are intended for the use of partner nation personnel, construction for use by US forces must meet all applicable UFCs and other applicable US codes and standards.

The District has positioned a Resident Engineer at Soto Cano in Honduras, and at the US Embassy in Lima, Peru to oversee USACE construction in the region, and to ensure that the final product meets USACE standards.

Military Construction projects vary in size from small O&M repairs of existing facilities, to multi-million-dollar construction of new barracks and hangars. USACE receives funding and authorization for MILCON (to include UMMC and ERCIP) through the requiring service (e.g. IMCOM at Soto Cano), with input and oversight from SOUTHCOM. Both the components and SOUTHCOM fund O&M requirements based on prioritization and funds availability. The SOUTHCOM J45 coordinates the review and approval of requested O&M projects.





Humanitarian Assistance Program

The Mobile District has designed and constructed facilities in support of the SOUTHCOM Humanitarian Assistance (HA) Program throughout Central and South America. Facility types include Disaster Relief Warehouses, Emergency Operation Centers, Schools, Clinics, Community Centers, and more. These facilities tend to be very simple structures to meet basic requirements in both urban and remote locations, but the size and configuration of the facility can be adapted to meet local requirements. SOUTHCOM typically promotes the use of a standard floor plan to both minimize costs and to ensure a comparable product throughout the region.

The project can provide only the facility and supporting utilities or can include furnishes such as shelving and office furniture. Audio visual and computer systems are typically not included in the USACE contract.

All construction projects come with a one-year contractor's warranty, regardless of the program the facility supports.

Project cost varies based on facility type, local market conditions, engineering constraints (seismic or hurricane requirements, etc.), and materials specified.

Most HA projects are awarded as Design-Build (DB) contracts, meaning the construction contractor completes the design after the concept stage. The typical timeframe after construction award varies depending on project specifics, but in general you can expect 6 months for incidental design and 12-18 months for construction. That does not include the timeframe for the initial site survey, development of the concept design, and procurement which can take an additional 6 – 12 months.



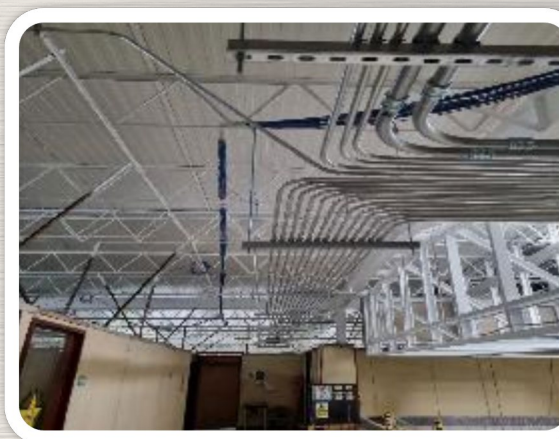


Support for CN/CTOC/GPOI/BPC

For more than 20 years, USACE has supported SOUTHCOM's efforts to build partner nation capacity in areas such as counter-narcotics through design and construction of facilities and infrastructure to include piers, operations centers, barracks, boat ramps, runways, and maintenance facilities, just to name a few. From a design and construction perspective, the timelines and cost factors are similar to those described for the HA Program, although each program has its own submission requirements and timelines.

Through an initial site visit, the USACE team can help validate project costs and identify issues related to the site, utility access, etc.

SOUTHCOM has the ability to request construction funds in support of partner nations through multiple authorities. For instance, projects may be funded through US Code Title 10, Section 284-c, with DASD-CN approval. Small scale construction may also be requested (in support of specific training and equipping requirements) as part of an NDAA 2017 Section 333 Building Partner Capacity (BPC) case. The funding and timeline for USACE involvement will vary depending on which authority is cited for a specific requirement.





Support to Other U.S. Agencies

USACE is authorized to support non-DoD organizations such as the Bureau of International Narcotics and Law Enforcement Affairs (INL). At an enterprise level, USACE maintains interagency agreements with these and other partners, allowing districts such as Mobile to quickly enter into agreements for specific requirements. Examples of this type of support include ongoing construction of police stations for INL in Colombia, and previous reservoir studies for USAID in Honduras.



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Support to Partner Nations

The Mobile District executes both infrastructure construction and engineering/technical support under the Arms Export Control Act and the Foreign Assistance Act as well as other specific authorities.



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USACE Capabilities through Security Assistance Authorities

Authority

Foreign Military Sales
and Foreign Military Financing,
Arms Export Control Act

Section 607

Foreign Assistance Act of 1961

Description

Sell defense articles and services to foreign countries and international organizations to strengthen the security of the U.S. and promote world peace.

Provide services and commodities to friendly countries, international organizations, and voluntary nonprofit-relief agencies in support of national security.

Key Partner

Ministry of Defense

Ministries other than Defense

Examples

- * Barracks
- * Military Headquarters Facilities
- * Hangers
- * Maintenance Facilities
- * Geospatial Services
- * Engineering Equipment
- * Engineering Services

- * Road Construction
- * Water Resource Planning
- * Electricity Restoration Facilities
- * Schools
- * Engineering Services
- * Capacity Development
- * Geospatial Services

Typical Projects

- * CENTCOM-Saudi Arabia: F-15 Base
- * EUCOM-Israel: Hangers
- * SOUTHCOM-Colombia: Logistics Center

- * CENTCOM-Bahrain: Water Management
- * SOUTHCOM-Brazil: Dam Assessments
- * SOUTHCOM-Ecuador: River Watershed



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FMS/FMF Construction

In Colombia, USACE has completed a \$13M logistics warehouse facility, and has multiple facilities under construction to support the Colombian Army's Air Rotary Wing.

In Peru, USACE is working under an FMS case with the Peruvian Navy on studies, designs, and construction to support the planned expansion of their naval base at the Port of Callao. The first two infrastructure projects have been completed.

FMS and FMF cases have been signed in multiple other countries, with ongoing design efforts underway for maintenance facilities, operation centers, piers, and other infrastructure in support of our partners in the region.

Additional cases are in development for both actual construction and support to partner nations in developing their own construction procurement processes.

FMS and FMF cases for engineering and construction follow the same processes and general timelines as other FMS cases. USACE is an implementing agency (IA), and can therefore receive Letters of Request (LORs) and sign Letters of Offer and Acceptance (LOAs) received directly from/through the SCO without going through another IA.



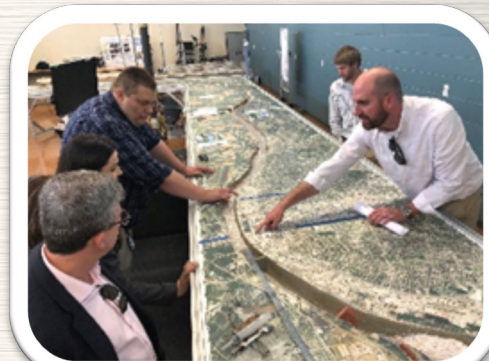
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Humanitarian Assistance Program



ONGOING AND PENDING ENGINEER AGREEMENTS:

1. In December 2020 USACE signed an agreement with the [Brazilian Water Agency \(ANA\)](#) focused on capacity building in the area of flood management. This follows a previous agreement with the same agency dating back to November 2013.
2. USACE is also engaged in a multi-year agreement with the Brazilian Ministry of Transportation's [Department of National Transportation Infrastructure \(DNIT\)](#) focused on capacity building and waterways navigation consultation. This agreement was originally signed in December 2015 and has since been modified several times to expand and extend USACE's support to DNIT.
3. The newest agreement in Brazil is with the Brazilian National Transportation Agency (ANTAQ) for water resources capacity building.
4. The [Panama Canal Authority \(ACP\)](#) signed a new Implementing Arrangement with USACE for technical support. They intend to issue a \$2B tender for improvements to the canal water system.
5. A FMS agreement was signed with USACE and the [Government of Honduras](#) to provide an initial study related to Flood Risk Management for the Sula Valley.
6. [Ecuador's National Electric Corporation \(CELEC\)](#) signed an LOA in December 2021 for a total case value of \$4.8M, engaging USACE to assist them in conducting sedimentation studies and assessing erosion control measures for the Rio Coca.
7. A new FMS case is pending signature with the [Brazilian National Waterway Transportation Agency \(ANTAQ\)](#) for a \$4.7M multiyear technical agreement.

Section 607 cases follow the same process as other FMS cases. They are partner nation funded, and USACE serves as the IA. They must be signed by a Ministry level representative within the partner nation (rather than a municipality or private entity).

USACE may also establish a Memorandum of Agreement with a partner nation to conduct engineering support and capacity building. All agreements require concurrence from multiple stakeholders including the COCOM, DOD and DOS.



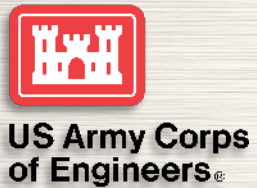
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Questions?





Backup Slides



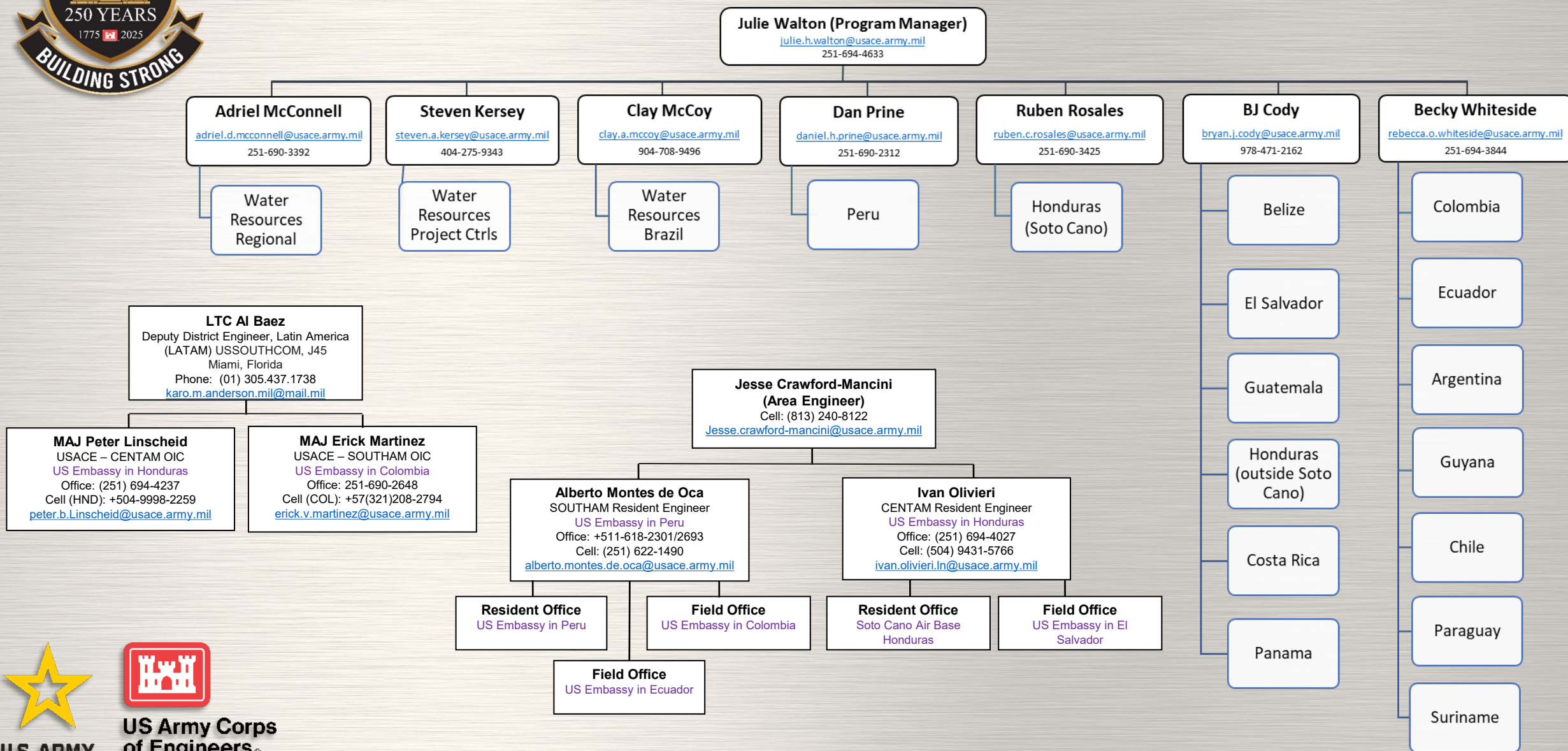
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Mobile District Points of Contact



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Potential Areas of Support

Program / Project Management

Architect-Engineer Contract Management
Configuration Management
Customer Care and Coordination
Life Cycle Costs
Performance Monitoring Reports
Quality Assurance / Control
Scope / Schedule

Dredging

Dredge Design / Procurement
Excavation
Maintenance

Procurement & Contracting

Alternate Dispute Resolution
Architect / Engineering Services
Construction
Equipment / Supplies
Facilities Management
Inspection Services
Job Order Contracting
Partnering
Third Party Contracting Services

Environmental

Air / Water Quality
Compliance Documentation
Floodplains / Wetlands Protection
Habitat Mitigation
Hazardous Waste Response
Impact Assessments / Statements
Inventories
Remedial Design / Action
Surveys / Audits

Planning

Flood Risk Mitigation
Alternatives Analysis
Economic Analysis
Environmental Planning
Financial Planning
Housing Analysis
Master Planning
Multi-objective Planning
Noise Abatement Studies
Recreation
Strategic / Long-range Planning
Water Resources

Others

Real Estate
Research and development
Disaster Response Training

Design/Construction

Anti-Terrorist Measures
Aviation Infrastructure
Bridges / Tunnels
Chemical Plants
Child Care Facilities
Disposal Sites
Facility Rehabilitation / Renovation
Fissile Storage Facilities
Flood Control Structures
Hardened Facilities
Hazardous Waste Treatment Facilities
Highways / Pavements
Housing
Intrusion Detection Systems
Medical Facilities
Multipurpose Buildings
Port Facilities
Power Production
Prisons
Railroads
Schools
Secure Facilities
Space Launch Facilities
Transmitter Facilities
Underground Facilities
Waste Treatment

Engineering & Other Disciplines

Architecture
Blast / EMP Protection
Building Information Management
Cost Engineering / Estimating
Electrical
Environmental
Geotechnical / Subsurface Investigations
Hydraulic
Marine Vessel
Mechanical
Sciences
- Archeology - Biology
- Chemistry - Geology
- **Hydrology**
Security Engineering
Electronic Security
Explosive Safety
Protective Design
Seismic Analysis and Design
Site Selection / Development
Structural
Surveying / Mapping
Transportation
Value Engineering
Water Resources



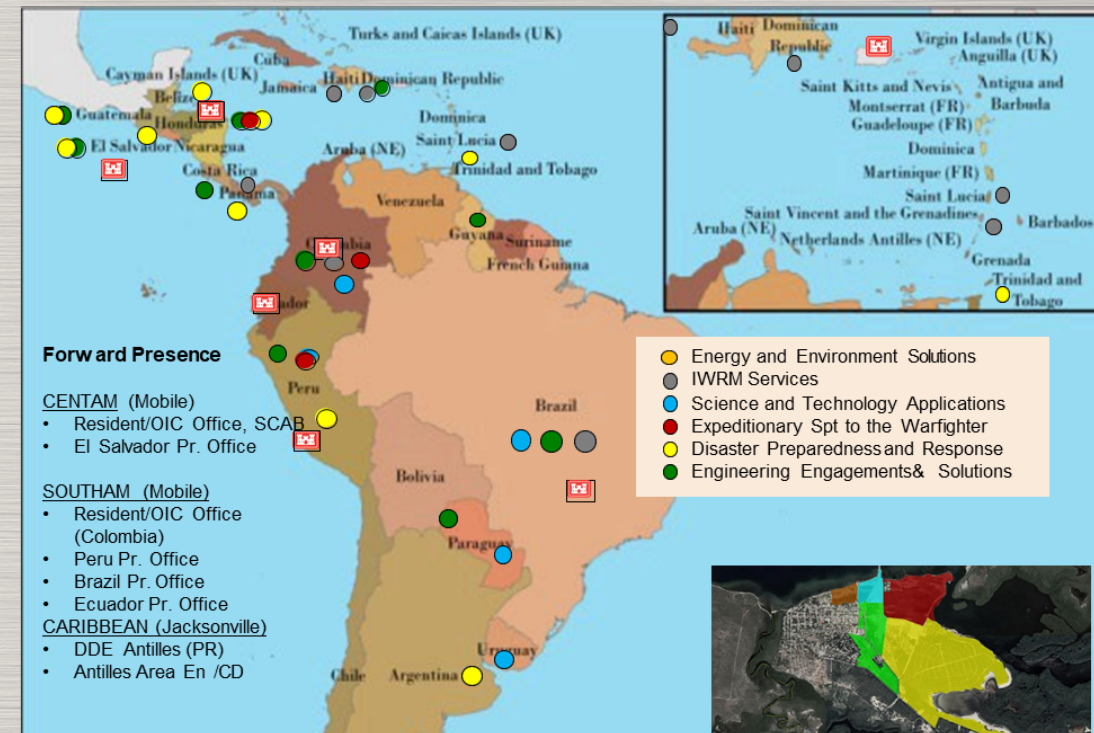
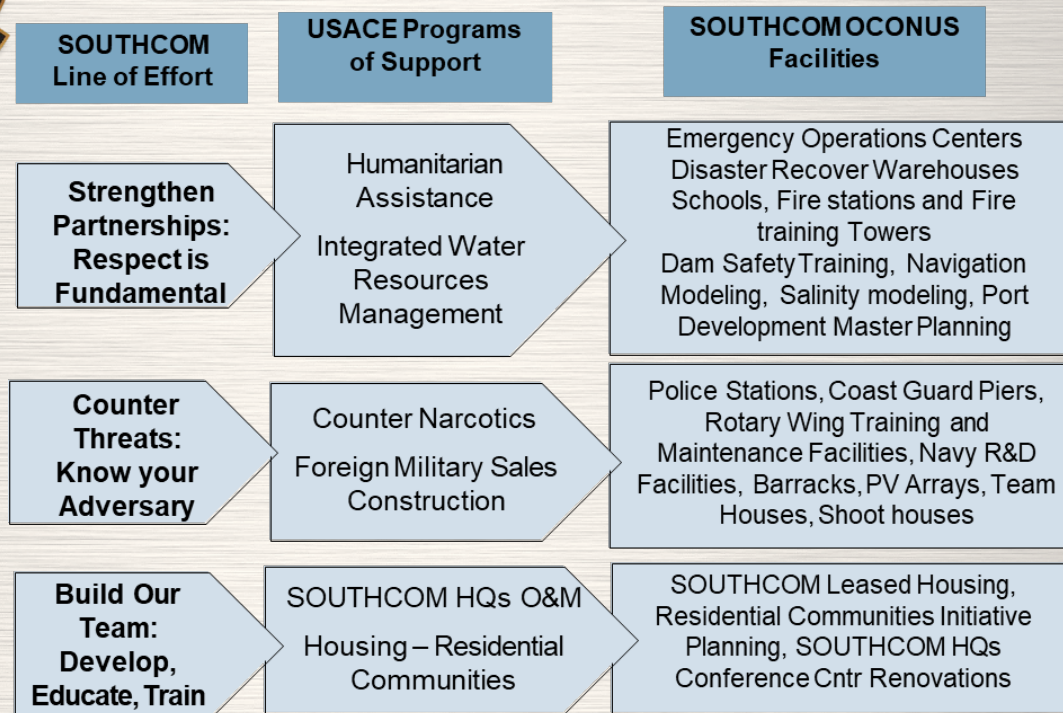
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USACE Activities in SOUTHCOM



Port of Manzanillo, Dominican Republic
Technical Assistance for PPP Port Development



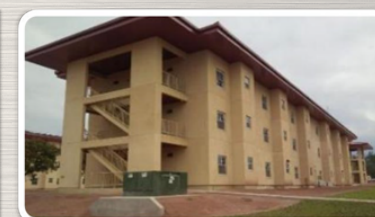
FMS Tech Assistance to water agencies, BRA



NAMRU-S Main Building Renovation; PER



CN/SC Hangar, Nicanor, Panama



Barracks, MILCON, ASA Soto Cano, HON



Ecuador Coca Codo Dam Site Visit



HAP project EOC/DRW/SAR Abancay, PER



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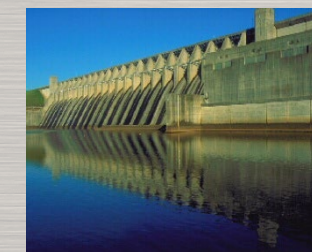
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USACE Civil Works Experience



- Every \$1 spent on Flood Risk Management prevented nearly \$8 in flood damages (Both adjusted for inflation)
- 709 dams; 14,700 miles of levees; 400 miles of shoreline protection
- 183 major ports (250K+ tons of commerce), 884 smaller harbors
- 12,000 miles of commercial inland waterways
- Marine transportation supports \$1 trillion in commerce and 13,000,000 jobs annually
 - Environmental restoration
- Response to 17 Presidentially declared disasters (2015)
- Largest US outdoor recreation program – 370 million visits a year
 - Stewardship of 11.7 million acres of public lands
- 75 hydropower plants produce 3% of US electric energy
 - Water supply: 6.9 billion gallons per day
- Nearly \$4.9 B in contracts to private business



“The Nation’s security depends on its economic strength, and its economic strength depends on its infrastructure”



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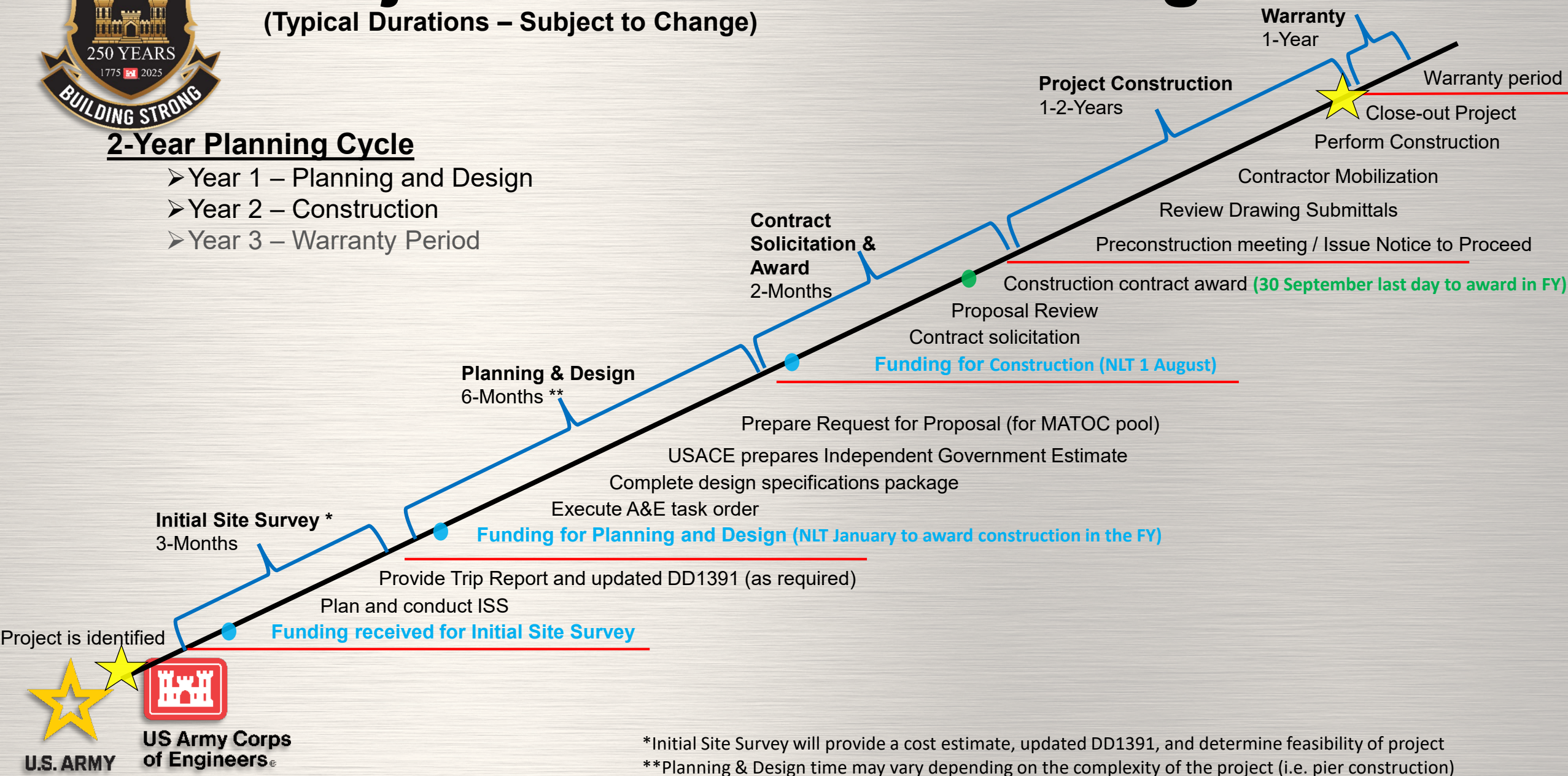


Project Timeline – Planning Factors

(Typical Durations – Subject to Change)

2-Year Planning Cycle

- Year 1 – Planning and Design
- Year 2 – Construction
- Year 3 – Warranty Period



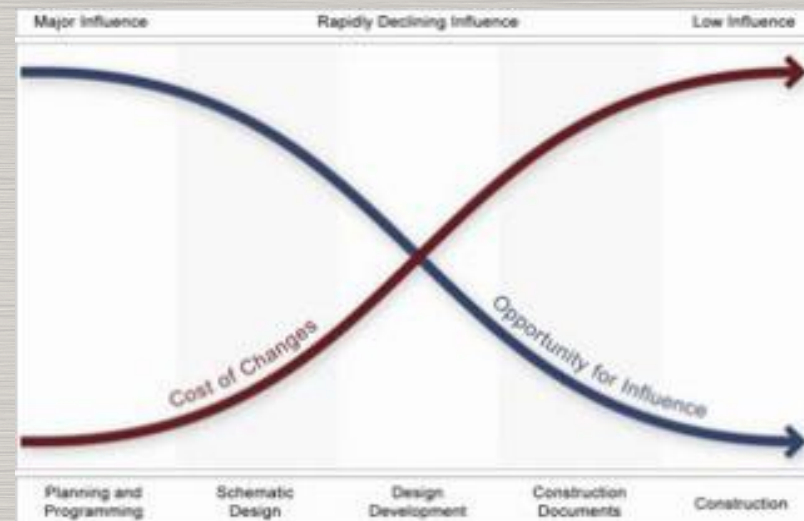
*Initial Site Survey will provide a cost estimate, updated DD1391, and determine feasibility of project
**Planning & Design time may vary depending on the complexity of the project (i.e. pier construction)



Life of a Construction Project

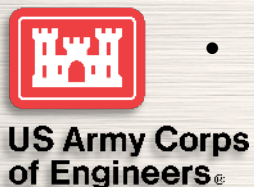
- Project Definition and Approval
 - Identify Requirement (purpose/gaps, location)
 - Define Requirement (# people/size of mission to accommodate, local support, existing infrastructure, site limitations, etc)
 - Submit Project (per SOUTHCOM guidance)

- Acquisition Planning
 - Design-Bid-Build vs Design-Build
 - MATOC vs stand-alone contract



- Design
 - Award AE Task Order or Assemble In-house Team
 - Design Team Site Visit (validate site, locate utilities, user/sponsor input, concept design)
 - Design Process (interim submittals, Govt review, HN review & possibly permitting if required)
 - Final Design Documents

- Construction Contract Procurement
 - Typically Competitive MATOC Task Order with required 30 day proposal window
 - Vetted Contractor Pool, so Typically Low Price (must be +/- 15% of IGE)





Life of a Construction Project

- Construction
 - NTP & Mobilization (bonds, permits, initial submittals, materials procurement, establishing presence at site)
 - Site Work/Utilities – Building Structure/Roof – Interior Systems and Finishes (QC/QA & 3-phase inspection)
 - Pre-final Inspection – “Punch List” – Final Inspection (construction agent + stakeholder)
- Project Close-out and Turnover
 - Beneficial Occupancy (possible for remaining small punch list, start date for warranty period)
 - Training (who should attend, video record)
 - Close-out Documents (system training, O&M manuals, as-builts, DD Form 1354)

Warranty

- 1 Year
- Does NOT Cover Damage/Misuse by Occupants
- Warranty Call Directly to Prime Contractor (contact USACE project engineer if problems)
- USACE Periodic Warranty Inspections (final ~month 11)



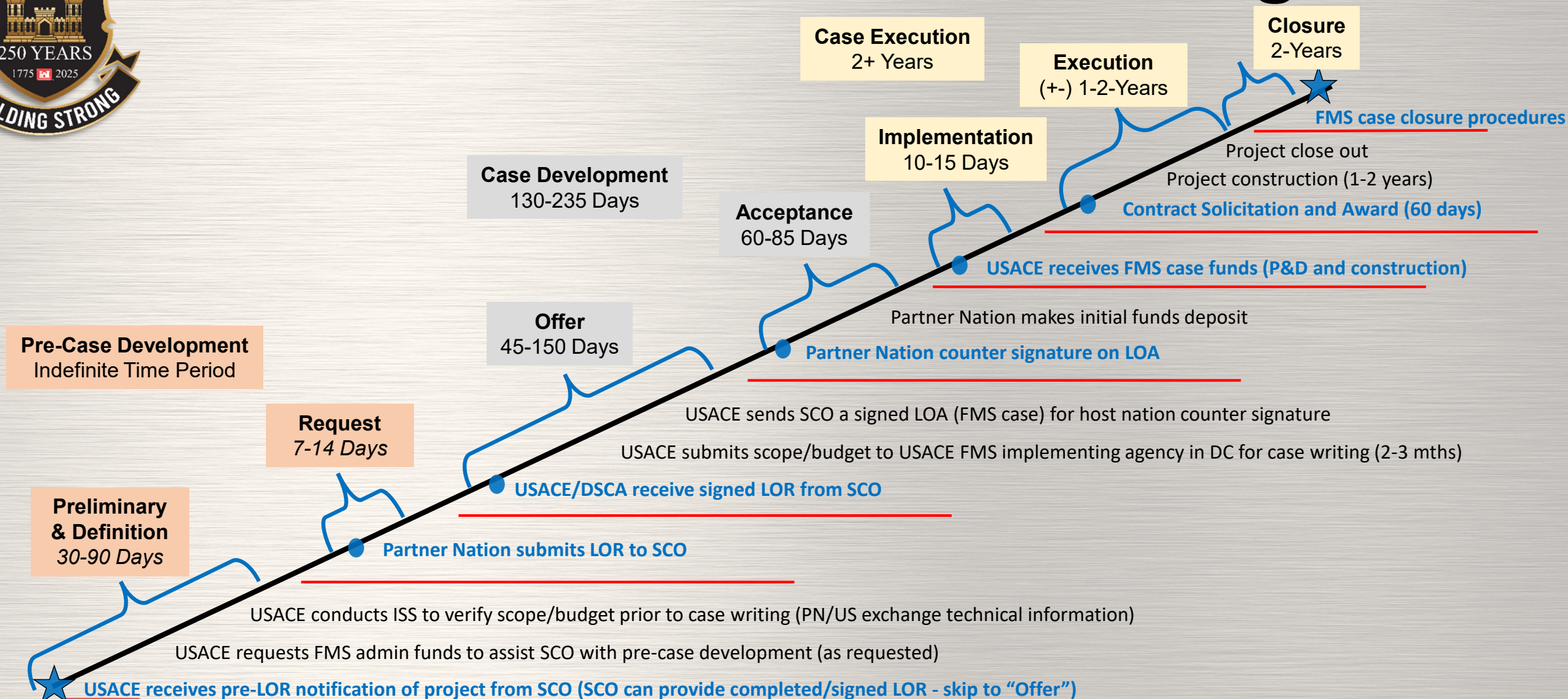
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Humanitarian Assistance Program



USACE Typical Times

Pre-Case Development – 30-90 days

Case Development – 60-120 days

Case Execution – P&D 180-270 days; Construction 1-2 years, FMS closure 2 years